# RTLED1X4-19YW/D10/E2





Cost-effective LED 1x4 troffer upgrade that's easily installed. Includes battery back up that will operate the LED lamp for 90 minutes if power fails.

Color: White Weight: 12.3 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	19W
120V:	0.16A	Color Temp:	3000K
208V:	0.10A	Color Accuracy:	83 CRI
240V:	0.09A	L70 Lifespan:	60000
277V:	0.08A	Lumens:	2419
Input Watts:	19W	Efficacy:	125 LPW
Efficiency:	98%		

# **Technical Specifications**

#### Listings

#### **UL Listed:**

Suitable for damp locations

# IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

#### **Electrical**

# Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.16A, 0.10A, 0.09A, 0.08A

## **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

# **Battery Backup:**

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120.

#### THD:

10.8% at 120V, 13.8% at 277V

#### **Power Factor:**

98.7% at 120V, 89.2% at 277V

# **Surge Protection:**

4k\/

#### Construction

#### Housing:

Steel sheet metal

#### **Ambient Temperature:**

Suitable for 40°C (104°F) ambient temperatures

## Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

#### Mounting:

Recessed ceiling

# Lens:

Polycarbonate lens

#### Finish:

Formulated for high-durability and long lasting color

# Green Technology:

Mercury and UV-free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals.

# **LED Characteristics**

# Note:

All values are typical (tolerance +/- 10%)

#### LEDs:

Long-life, high-efficacy surface mount LEDs

#### Lifespan:

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### **Color Stability:**

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

# **Color Uniformity:**

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

## Other

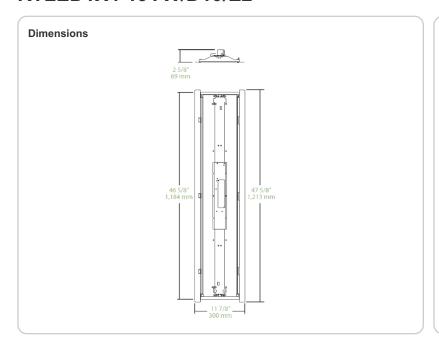
# Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

# **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.





# **Features**

Troffer Retrofit can be installed in under 3 minutes by 1 person

Frosted polycarbonate lens provides a uniform distribution and reduces glare

0-10V dimming standard

5-Year No Compromise Warranty

Ordering Matrix									
Family	Size	Wattage	Color Temp	Finish	CRI	Dimming Driver	Options	Bulk Qty	
RTLED	1X4	19	Y	W		/D10	/E2		
	1X4 = 1'x4' 2X2 = 2'x2' 2X4 = 2'x4'	19 = 19W (2x2, 1x4) 29 = 29W (2x2, 1x4) 39 = 39W (2x4) 49 = 49W (2x4)	Blank = 5000K (Cool) N = 4000K (Neutral) YN = 3500K (Warm Neutral) Y = 3000K (Warm)	W = White	Blank = 80 CRI /HC = 90 CRI (4000K only)	/ <b>D10</b> = 0-10V Dimming	Blank = No Options  /LC = Lightcloud® Controller  /E2 = Battery Backup  /MVS = Microwave Sensor  /MVS/E2 = Microwave Sensor  and Battery Backup	Blank = Individual BULK = Comes in qty 6 (not available with options)	